Clean Version of Pending Claims

SYSTEM, METHOD, AND SOFTWARE FOR INSERTING
HYPERLINKS INTO DOCUMENTS
Applicant: Douglas T. Rosenoff et al.
Serial No.: 09/237,219

1. (Twice Amended) A method of automatically inserting hyperlinks into a document, comprising:

    searching one or more documents for content having one or more predefined forms;

    automatically marking one or more portions of one or more of the searched documents based on results of searching the one or more documents for content having one or more of the predefined forms; and

    generating one or more hyperlinks, with each hyperlink having a format based on the content of one or more of the marked portions of the documents.

2. (Amended) A method of automatically inserting hyperlinks into a document, comprising:

    a step for searching one or more documents for content having one or more predefined forms;

    a step for automatically marking one or more portions of one or more of the searched documents based on results of searching the one or more documents for content having the predefined forms; and

    a step for generating one or more hyperlinks, with each hyperlink having a format based the content of the one or more marked portions of the documents.

3. (Amended) A computer system comprising:

    means for searching one or more documents for content matching one or more predefined forms;

    means for automatically marking one or more portions of one or more of the searched

documents based on results of searching the one or more documents for content

having the one or more predefined forms; and

means for generating one or more hyperlinks, with each hyperlink having a format based

the content of the one or more marked portions of the documents.

4. (Amended) A computer system comprising:

a processor;

a memory coupled to the processor, with the memory storing;

a first set of instructions for searching one or more documents for content having

one or more predefined forms;

a second set of instructions for automatically marking one or more portions of one

or more of the searched documents based on results of searching the one or

more documents for content having the one or more predefined forms; and

a third set of instructions for generating one or more hyperlinks, with each

hyperlink including at least a portion of the content of one or more of the

marked portions of the documents.

5. (Amended) A computer-readable medium comprising:

a first set of instructions for searching one or more documents for content having

one or more predefined forms;

a second set of instructions for automatically marking one or more portions of one

or more of the searched documents based on results of searching the one or

more documents for content having the one or more predefined forms; and

a third set of instructions for generating one or more hyperlinks, with each

hyperlink having a format based on the content of the one or more marked

portions of the documents.

6. (Amended) An automated method of defining hyperlinks for a document, comprising:

> automatically marking one or more portions of the document; and

> defining one or more hyperlinks for one or more of the marked portions of the document,
>> with each hyperlink including at least a portion of one of the marked portions of
>> the document.

7.   The method of claim 6, wherein each hyperlink further includes account information for a
user.

8.   The method of claim 6, wherein each hyperlink further includes a domain name
common to all the hyperlinks.

9.   The method of claim 6, wherein each hyperlink includes a domain name
common to all the hyperlinks and information based on a syntactic or semantic analysis of at
least a portion of one of the marked portions of the document.

14. (Amended)   A method of defining hyperlinks in a computer system, comprising:

> providing one or more user preferences;

> automatically marking a portion of a first document;

> defining a hyperlink to point to one of at least two or more destinations based on one or
>> more of the provided user preferences; and

> associating the defined hyperlink with the marked portion of the first document.

15.   The method claim 14:

> wherein providing one or more user preferences includes retrieving information related to
>> one or more preferred hyperlink destinations, or information related to cost, or
>> information related to access time; and

wherein defining the hyperlink includes selecting the one destination based on the
retrieved preferences.

17. (Amended)   A method of automatically inserting hyperlinks into a document, comprising:
searching one or more documents;
automatically marking one or more portions of one or more of the documents based on
results of searching the one or more documents; and
generating one or more hyperlinks, with each hyperlink including at least a portion of one
of the marked portions.

19.   The method of claim 1, wherein the one or more predefined forms includes citations to
printed publications.

20.   The method of claim 1, wherein one or more of the marked portions includes a citation to
a document, the citation including a volume identifier, a page identifier, and a publication
identifier, and wherein at least one of the generated hyperlinks includes the volume, page, and
publication identifiers.

21.   The method of claim 1, wherein one or more of the generated hyperlinks includes at least
one query connector.

22.   The method of claim 1, wherein one or more of the generated hyperlinks further includes
at least one search instruction.

23.   The method of claim 1, wherein one or more of the generated hyperlinks further includes
a search-method identifier.

24.   The method of claim 23, wherein the search-method identifier identifies one of a natural-language search method and a boolean search method.

25.   The method of claim 1, wherein one or more of the generated hyperlinks further includes account information for a user.

26.   The method of claim 1, wherein one or more of the generated hyperlinks further includes information identifying a third-party sponsor for facilitating access to a document in a database associated with the one hyperlink.

27.   The method of claim 1, further comprising associating at least one of the generated hyperlinks with at least one of the marked portions.

28.   The method of claim 27, wherein associating at least one of the generated hyperlinks with at least one of the marked portions includes associating at least one of the generated hyperlinks with at least two of the marked portions.

29.   The method claim 14:
        wherein providing one or more user preferences includes retrieving information related to
                cost; and
        wherein defining the hyperlink includes selecting the one destination based on cost.

30.   The method claim 14:
        wherein providing one or more user preferences includes retrieving information related to
                access time; and
        wherein defining the hyperlink includes selecting the one destination based on access
                time.

31.   The method of claim 14, wherein one of the two or more destinations is within the computer system and another of the two or more destinations is without the computer system.

32.   The method of claim 14:
    wherein the marked portion includes a citation to a document, the citation including a
        volume identifier, a page identifier, and a publication identifier; and
    wherein the defined hyperlink includes the volume, page, and publication identifiers.

33.   The method of claim 14, wherein the defined hyperlink includes at least one query connector.

34.   The method of claim 14, wherein the hyperlink further includes at least one search instruction.

35.   The method of claim 14, wherein the hyperlink identifies one of a natural-language search method and a boolean search method.

36.   The method of claim 14, wherein the hyperlink further includes account information for a user.

37.   The method of claim 14, wherein the hyperlink further includes information regarding a third-party sponsor for facilitating access to a document in a database associated with the one hyperlink.

38.   The method of claim 14, wherein associating at least one of the generated hyperlinks with at least one of the marked portions includes associating at least one of the generated hyperlinks with at least two of the marked portions.

39.   The method of claim 17, further comprising associating at least one of the generated hyperlinks with at least one of the marked portions.

40.   The method of claim 39, wherein associating at least one of the generated hyperlinks with at least one of the marked portions includes associating at least one of the generated hyperlinks with at least two of the marked portions.

41.   The method of claim 24, wherein associating at least one of the generated hyperlinks with at least one of the marked portions includes anchoring at least one of the generated hyperlinks to at least one of the marked portions.

42.   The method of claim 17, wherein searching the one or more documents comprises searching for citations to other documents.

43.   The method of claim 17, wherein searching the one or more documents comprises searching for citations to other documents.

44.   The method of claim 17, wherein searching the one or more documents comprises searching for proper names.

45.   The method of claim 17:
        wherein one or more of the marked portions include a citation to a document, with the
                citation including a page identifier and a publication identifier; and
        wherein at least one of the hyperlinks includes the page and publication identifiers.

46.   The method of claim 17, wherein at least one of the hyperlinks includes at least one query connector.

47.   The method of claim 17, wherein at least one of the hyperlinks identifies one of a natural-language search method and a boolean search method.

48.   The method of claim 17, wherein at least one of hyperlinks further includes account information for a user.

49.   The method of claim 17, wherein at least one of the hyperlinks further includes information regarding a third-party sponsor for facilitating access to a document in a database associated with the one hyperlink.